

thompson, rachelle

From: Hoang, Kim
Sent: Monday, February 23, 2015 12:59 PM
To: Meredith Durant
Cc: Mark, Dave;thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Please send me an email or call before you bring it over, so that I can make sure someone can meet with you to get it. Sometimes this week would be great.

Thanks very much

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Monday, February 23, 2015 12:57 PM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

OK. We will put the info on one or the other and bring it over. Likely not today.

meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 12:54 PM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Given our concern on ftp site, if possible, please provide us with a CD or thumb drive.

Thanks,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,

San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Monday, February 23, 2015 12:51 PM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachel
Subject: RE: Summary Table-for-EPA rev1.xlsx

Hi Kim –

Margaret has compiled data on the PRP sites. Right now, it is all sitting on an FTP site. When we met, I know that Kathy expressed concern about using an ftp site to transfer information/records. Would you prefer that we move all of this to a CD and carry the CD over to your office?

On that note, what we have available is some inherited documents from OCWD, and tabulated data from some of the PRP sites into 2014 (don't have all data for 2014 yet – it wasn't on GeoTracker the last time we checked). We haven't yet moved all of the data into database format.

Please let me know your preferred method for providing this information to you.

Thanks.

Meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 7:59 AM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachel
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Thanks very much for sending this summary table.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Friday, February 20, 2015 8:35 AM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachel
Subject: Summary Table-for-EPA rev1.xlsx

Hi Kim –

I apologize for the delay in responding to your request. Attached is a summary table which Kennedy/Jenks had developed to keep track of the multiple PRP sites in the Orange County "North Basin" area. This table was displayed on the projected computer screen during our meeting in EPA offices in late January. Our most recent use of the table was to provide a site/source area summary for INTERA. INTERA has been retained by OCWD to develop a groundwater fate and transport model for the North Basin area that will be used to assist in the Feasibility Study evaluations.

We are also preparing a compilation of monitoring data from the source sites which we will transmit to you shortly.

If you have any questions on this information, please contact me at (415) 243-2534 or Dave Mark at (714) 378-3337.

Meredith Durant
Project Manager
Kennedy/Jenks Consultants

thompson, rachelle

From: Meredith Durant <MeredithDurant@KennedyJenks.com>
Sent: Monday, February 23, 2015 12:57 PM
To: Hoang, Kim
Cc: Mark, Dave;thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

OK. We will put the info on one or the other and bring it over. Likely not today.

meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 12:54 PM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Given our concern on ftp site, if possible, please provide us with a CD or thumb drive.

Thanks,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Monday, February 23, 2015 12:51 PM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Hi Kim –

Margaret has compiled data on the PRP sites. Right now, it is all sitting on an FTP site. When we met, I know that Kathy expressed concern about using an ftp site to transfer information/records. Would you prefer that we move all of this to a CD and carry the CD over to your office?

On that note, what we have available is some inherited documents from OCWD, and tabulated data from some of the PRP sites into 2014 (don't have all data for 2014 yet – it wasn't on GeoTracker the last time we checked). We haven't yet moved all of the data into database format.

Please let me know your preferred method for providing this information to you.

Thanks.

Meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 7:59 AM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachel
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Thanks very much for sending this summary table.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Friday, February 20, 2015 8:35 AM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachel
Subject: Summary Table-for-EPA rev1.xlsx

Hi Kim –

I apologize for the delay in responding to your request. Attached is a summary table which Kennedy/Jenks had developed to keep track of the multiple PRP sites in the Orange County “North Basin” area. This table was displayed on the projected computer screen during our meeting in EPA offices in late January. Our most recent use of the table was to provide a site/source area summary for INTERA. INTERA has been retained by OCWD to develop a groundwater fate and transport model for the North Basin area that will be used to assist in the Feasibility Study evaluations.

We are also preparing a compilation of monitoring data from the source sites which we will transmit to you shortly.

If you have any questions on this information, please contact me at (415) 243-2534 or Dave Mark at (714) 378-3337.

Meredith Durant
Project Manager
Kennedy/Jenks Consultants

thompson, rachelle

From: Hoang, Kim
Sent: Monday, February 23, 2015 12:54 PM
To: Meredith Durant
Cc: Mark, Dave;thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Given our concern on ftp site, if possible, please provide us with a CD or thumb drive.

Thanks,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Monday, February 23, 2015 12:51 PM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Hi Kim –

Margaret has compiled data on the PRP sites. Right now, it is all sitting on an FTP site. When we met, I know that Kathy expressed concern about using an ftp site to transfer information/records. Would you prefer that we move all of this to a CD and carry the CD over to your office?

On that note, what we have available is some inherited documents from OCWD, and tabulated data from some of the PRP sites into 2014 (don't have all data for 2014 yet – it wasn't on GeoTracker the last time we checked). We haven't yet moved all of the data into database format.

Please let me know your preferred method for providing this information to you.

Thanks.

Meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 7:59 AM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Thanks very much for sending this summary table.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Friday, February 20, 2015 8:35 AM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachel
Subject: Summary Table-for-EPA rev1.xlsx

Hi Kim –

I apologize for the delay in responding to your request. Attached is a summary table which Kennedy/Jenks had developed to keep track of the multiple PRP sites in the Orange County “North Basin” area. This table was displayed on the projected computer screen during our meeting in EPA offices in late January. Our most recent use of the table was to provide a site/source area summary for INTERA. INTERA has been retained by OCWD to develop a groundwater fate and transport model for the North Basin area that will be used to assist in the Feasibility Study evaluations.

We are also preparing a compilation of monitoring data from the source sites which we will transmit to you shortly.

If you have any questions on this information, please contact me at (415) 243-2534 or Dave Mark at (714) 378-3337.

Meredith Durant
Project Manager
Kennedy/Jenks Consultants

thompson, rachelle

From: Meredith Durant <MeredithDurant@KennedyJenks.com>
Sent: Monday, February 23, 2015 12:51 PM
To: Hoang, Kim
Cc: Mark, Dave;thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Hi Kim –

Margaret has compiled data on the PRP sites. Right now, it is all sitting on an FTP site. When we met, I know that Kathy expressed concern about using an ftp site to transfer information/records. Would you prefer that we move all of this to a CD and carry the CD over to your office?

On that note, what we have available is some inherited documents from OCWD, and tabulated data from some of the PRP sites into 2014 (don't have all data for 2014 yet – it wasn't on GeoTracker the last time we checked). We haven't yet moved all of the data into database format.

Please let me know your preferred method for providing this information to you.

Thanks.

Meredith

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Monday, February 23, 2015 7:59 AM
To: Meredith Durant
Cc: Mark, Dave; thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Thanks very much for sending this summary table.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Friday, February 20, 2015 8:35 AM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachelle
Subject: Summary Table-for-EPA rev1.xlsx

Hi Kim –

I apologize for the delay in responding to your request. Attached is a summary table which Kennedy/Jenks had developed to keep track of the multiple PRP sites in the Orange County "North Basin" area. This table was displayed on the projected computer screen during our meeting in EPA offices in late January. Our most recent use of the table was to provide a site/source area summary for INTERA. INTERA has been retained by OCWD to develop a groundwater fate and transport model for the North Basin area that will be used to assist in the Feasibility Study evaluations.

We are also preparing a compilation of monitoring data from the source sites which we will transmit to you shortly.

If you have any questions on this information, please contact me at (415) 243-2534 or Dave Mark at (714) 378-3337.

Meredith Durant
Project Manager
Kennedy/Jenks Consultants

thompson, rachelle

From: Hoang, Kim
Sent: Monday, February 23, 2015 7:59 AM
To: Meredith Durant
Cc: Mark, Dave;thompson, rachelle
Subject: RE: Summary Table-for-EPA rev1.xlsx

Meredith:

Thanks very much for sending this summary table.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Meredith Durant [<mailto:MeredithDurant@KennedyJenks.com>]
Sent: Friday, February 20, 2015 8:35 AM
To: Hoang, Kim
Cc: Mark, Dave; thompson, rachelle
Subject: Summary Table-for-EPA rev1.xlsx

Hi Kim –

I apologize for the delay in responding to your request. Attached is a summary table which Kennedy/Jenks had developed to keep track of the multiple PRP sites in the Orange County “North Basin” area. This table was displayed on the projected computer screen during our meeting in EPA offices in late January. Our most recent use of the table was to provide a site/source area summary for INTERA. INTERA has been retained by OCWD to develop a groundwater fate and transport model for the North Basin area that will be used to assist in the Feasibility Study evaluations.

We are also preparing a compilation of monitoring data from the source sites which we will transmit to you shortly.

If you have any questions on this information, please contact me at (415) 243-2534 or Dave Mark at (714) 378-3337.

Meredith Durant
Project Manager
Kennedy/Jenks Consultants

thompson, rachelle

From: Keith Takata <keith@keithtakata.com>
Sent: Thursday, February 19, 2015 5:12 PM
To: Manzanilla, Enrique; Lyons, John; Shaffer, Caleb; CHENG, CHRISTINA; thompson, rachelle; Dreyfus, Bethany
Subject: Phone Call with Mike Markus

I'd like to arrange a phone call with Mike Markus and his team with some combination of you all. He is free between 11:00 and 4:00 on Monday, February 23rd, but would like to tie down a time asap. It shouldn't take more than 15 minutes. I can give you a preview if you'd like.

Thanks and please let me know what works for you.

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

thompson, rachelle

From: Moutoux, Nicole
Sent: Thursday, February 19, 2015 12:56 PM
To: Keith Takata; Stewart Black; Lyons, John; Berchtold, Kurt@Waterboards; Ann Sturdivant; Amini, Nick@Waterboards; John Scandura; Rafat Abbasi; Emad Yemut; Greg.Neal@dtsc.ca.gov; Willard.Garrett@dtsc.ca.gov; Shaffer, Caleb; thompson, rachelle; Dreyfus, Bethany; Hoang, Kim
Subject: RE: HOLD THE DATE: Tuesday, February 24, 2015

Hi Everyone-

To follow up with all of you, EPA will be unable to participate in a meeting on February 24. We will be in touch early next week with other dates and times that work for EPA participants.

Thanks
Nicole

Nicole G. Moutoux
Manager, Site Assessment and Brownfields Section
Superfund Division
Moutoux.Nicole@epa.gov
Office: 415-972-3012
Cell: 415-271-0701

From: Keith Takata [<mailto:keith@keithtakata.com>]
Sent: Tuesday, February 17, 2015 6:41 PM
To: Stewart Black; Lyons, John; Berchtold, Kurt@Waterboards; Ann Sturdivant; Amini, Nick@Waterboards; John Scandura; Rafat Abbasi; Emad Yemut; Greg.Neal@dtsc.ca.gov; Willard.Garrett@dtsc.ca.gov; Shaffer, Caleb; thompson, rachelle; Moutoux, Nicole; Dreyfus, Bethany
Subject: HOLD THE DATE: Tuesday, February 24, 2015

As you may recall, we settled on Tuesday, February 24, 2015, for the RI/FS Scoping Meeting. I was informed today that the regulatory agencies would like to postpone the RI/FS Scoping Meeting, but use the same date—Tuesday, February 24, 2015—for a regulatory agency only meeting to discuss source sites and other North Basin issues. OCWD will not be participating in this meeting. I believe that EPA will take the lead for setting the time, place, and agenda. Thank you very much for your patience and flexibility.

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>

Subject: HOLD THE DATE: Tuesday, February 24, 2014, for RI/FS Scoping Meeting

Date: January 29, 2015 at 10:43:52 AM PST

Cc: Stewart Black <Stewart.Black@dtsc.ca.gov>, John Lyons <lyons.john@epa.gov>

To: "Berchtold, Kurt@Waterboards" <Kurt.Berchtold@waterboards.ca.gov>, Ann

Sturdivant <Ann.Sturdivant@waterboards.ca.gov>, "Amini, Nick@Waterboards"

<Nick.Amini@waterboards.ca.gov>, John Scandura <John.scandura@dtsc.ca.gov>,

Rafat Abbasi <rabbasi@dtsc.ca.gov>, Emad Yemut <Emad.Yemut@dtsc.ca.gov>,

Greg.Neal@dtsc.ca.gov, Willard.Garrett@dtsc.ca.gov, Caleb Shaffer

<Shaffer.caleb@epa.gov>, Rachelle Thompson <thompson.rachelle@epa.gov>, Nicole

Moutoux <moutoux.nicole@epa.gov>, Bethany Dreyfus <dreyfus.bethany@epa.gov>

thompson, rachelle

From: Lyons, John
Sent: Wednesday, February 18, 2015 4:19 PM
To: Shaffer, Caleb;thompson, rachelle;Moutoux, Nicole
Cc: Manzanilla, Enrique
Subject: FW: Question about Superfund

From: Greg Arthur [<mailto:garthur@eecenvironmental.com>]
Sent: Wednesday, February 18, 2015 4:14 PM
To: Lyons, John
Subject: Question about Superfund

Hey John, I didn't know you weren't in ORC anymore but instead you are the Superfund Director. Did everyone I know rocket up into the upper stratosphere of management while trolled around at the bottom, slinking out one evening on a VISP? Anyway, are you still playing guitar? We are still going to the prison and playing and picking and generally getting old while doing what we've always done.

I have a question about a Superfund site that one of the principles at my company wanted to know. He says there have been meetings between the RWQCB/DTSC/and Orange County Water District regarding the placement of the OCWD south basin as either a State or Federal Superfund site. He wants to know if there are minutes for these meetings or information from those meetings? Would we have to FOIA to find out about them whether technical only or not?

I told him I was a water guy who loved old-time but hated FOIAs, but that didn't seem to faze him.

Anyway, hope to hear from you soon.

Greg V. Arthur
Senior Project Engineer

EEC ENVIRONMENTAL

2100 Embarcadero | Suite 104 | Oakland, CA 94606

C (510) 967-8411 | F (510) 437-9316

garthur@eecenvironmental.com | eecenvironmental.com

thompson, rachelle

From: Newson, Joan
Sent: Tuesday, February 17, 2015 9:16 AM
To: Owyang-Chin, Leslie
Cc: Lyons, John;Shaffer, Caleb;thompson, rachelle
Subject: RE: Region 9 Visitor Registration Form

Leslie ---

To confirm our conversation this morning regarding guests for the 11:00 am meeting today, below is a full list of the names I have pulled together from three (3) visitor notifications:

Roy Herndon Orange County Water District
Mike Marcus
John Scandura
Scott Sommer
Keith Takata
Mike Wehner

Please advise if there are additional guests so that I can forward their names to the security team.

Thanks for your help.

-----Original Message-----

From: drupal_admin@epa.gov [mailto:drupal_admin@epa.gov] On Behalf Of Visitor Notification
Sent: Tuesday, February 17, 2015 8:52 AM
To: Newson, Joan
Subject: Region 9 Visitor Registration Form

Submitted on Tuesday, February 17, 2015 - 11:52 Submitted values are:

Date of Visit: 02/17/2015
Time of Arrival: 11:00 am
Visitor's Name: Mike Markus
Requester's Email: lyons.john@epa.gov
Visitor's Organization: Orange County Water District Additional Visitors:
Host Name: John Lyons
EPA Host Phone: 972-3889
Alternate EPA Host Name: Leslie Owyang-Chin Alternate EPA Host Phone: 972-3001 EPA Host Admin Support Name: Peter Tran EPA Host Admin Support Phone : 972-3511 Conference Room: Grand Canyon Room Foreign National Visitor?
Comments/Other Information : Mike Markus is an addition to the group of visitors coming in to the region at 11:00 a.m. today for John Lyons.

NOTE: This email was sent to the requester, Joan Newson, Linda Yee, and Kristen Pratt.

thompson, rachelle

From: Herndon, Roy <RHerndon@ocwd.com>
Sent: Monday, February 16, 2015 7:14 PM
To: Lyons, John
Cc: thompson, rachelle;Shaffer, Caleb;Markus, Mike;Sommer Scott;Keith Takata
Subject: RE: Orange Count North Basin - EPA/OCWD/DTSC Meeting Tomorrow

John,

Thanks for forwarding the agenda for tomorrow. It's good that we're meeting and that Mike Markus will be joining us. Scott, Keith, Mike and I look forward to seeing you tomorrow. Roy

Roy Herndon

Chief Hydrogeologist

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3260
email: rherndon@ocwd.com



www.ocwd.com



www.gwrssystem.com



Follow
OCWD on
[Twitter](#)

From: Lyons, John [Lyons.John@epa.gov]
Sent: Monday, February 16, 2015 1:37 PM
To: Herndon, Roy; Keith Takata
Cc: thompson, rachelle; Shaffer, Caleb
Subject: Orange Count North Basin - EPA/OCWD/DTSC Meeting Tomorrow

Roy and Keith,

I am writing to follow up on my phone conversations with Keith over the past two weeks. I appreciate that OCWD's willingness to meet in EPA's San Francisco offices tomorrow. DTSC representatives will be attending as well.

For EPA, the primary purpose of the meeting to discuss OCWD's position on federal EPA involvement in the investigation and cleanup of the Orange County North Basin plume. There are a number of related issues that we would like to also discuss regarding what a federal lead investigation would entail and how it would be conducted.

I am attaching agenda items that EPA would like to discuss below. Time permitting we can discuss any additional matters that OCWD or DTSC would like to raise.

John Lyons
Acting Assistant Director

Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

Agenda Items

- A) Update on DTSC, EPA, RWQCB discussions
- B) Implications of EPA as lead agency for the North Basin
- C) RI/FS Scope Issues
- D) PRPs and Enforcement Process
- E) Next Steps and Path Forward

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Lyons, John
Sent: Monday, February 16, 2015 1:37 PM
To: Herndon, Roy;Keith Takata
Cc: thompson, rachelle;Shaffer, Caleb
Subject: Orange Count North Basin - EPA/OCWD/DTSC Meeting Tomorrow

Roy and Keith,

I am writing to follow up on my phone conversations with Keith over the past two weeks. I appreciate that OCWD's willingness to meet in EPA's San Francisco offices tomorrow. DTSC representatives will be attending as well.

For EPA, the primary purpose of the meeting to discuss OCWD's position on federal EPA involvement in the investigation and cleanup of the Orange County North Basin plume. There are a number of related issues that we would like to also discuss regarding what a federal lead investigation would entail and how it would be conducted.

I am attaching agenda items that EPA would like to discuss below. Time permitting we can discuss any additional matters that OCWD or DTSC would like to raise.

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

Agenda Items

- A) Update on DTSC, EPA, RWQCB discussions
- B) Implications of EPA as lead agency for the North Basin
- C) RI/FS Scope Issues
- D) PRPs and Enforcement Process
- E) Next Steps and Path Forward

thompson, rachelle

From: Hoang, Kim
Sent: Wednesday, February 11, 2015 9:58 AM
To: Mark, Dave
Cc: thompson, rachelle; Meredith [Durant\(MeredithDurant@KennedyJenks.com\)](mailto:MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole
Subject: RE: North Basin Data

Dave, Thanks very much. I look forward to receiving the PRP 's information.

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Mark, Dave [<mailto:DMark@ocwd.com>]
Sent: Wednesday, February 11, 2015 9:42 AM
To: Hoang, Kim
Cc: thompson, rachelle; Meredith [Durant\(MeredithDurant@KennedyJenks.com\)](mailto:MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole
Subject: RE: North Basin Data

Hi Kim. Kennedy/Jenks, our North Basin consultant, is currently working on getting you the PRP site list and data.

Today, I will send Rachelle two sets of the North Basin plume maps (hard copy), along with a CD that contains pdf and shape files. We recently made a minor correction to the Shallow/Perched PCE plume map, which necessitated a correction to the composite VOC plume map. Specifically, there is a small plume around OCWD monitoring well AM-42A (near the southeast corner of the Northrop ESD site) that should have been contoured with a higher concentration interval.

-Dave

Dave Mark
Principal Hydrogeologist
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



[Follow
OCWD on
Twitter](#)

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]

Sent: Wednesday, February 11, 2015 9:26 AM

To: Mark, Dave

Cc: thompson, rachel; Meredith Durant(MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole

Subject: RE: North Basin Data

Dave:

I received the CD with the North Basin Data. I would appreciate very much if you could send me your summary list of sites that you presented at the last meeting. I would like to consolidate our list of sites for PA/SI and decide on a course of action moving forward. If possible, please send the list to me via email, and follow up with any information you might have collected on these sites in a CD. Please let me know if you have any question or concern with this request.

Thanks very much,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Mark, Dave [<mailto:DMark@ocwd.com>]

Sent: Wednesday, February 04, 2015 9:13 AM

To: Hoang, Kim

Cc: thompson, rachel; Meredith Durant (MeredithDurant@KennedyJenks.com)

Subject: North Basin Data

Hi Kim. I am mailing you a CD with North Basin data. The data are for production wells and OCWD monitoring wells (single-casing and multiport). Note: OCWD is not a water purveyor; so, we don't own or operate any production wells. We did install 6 extraction wells in the North Basin area that were intended to be used for remediation. Those wells have not been operated. However, we have limited sampling data for those wells, which is included in the data you will receive. The data includes well type, location, well construction, lithology, and water quality. I am sending two files with water quality data, one with everything, and one with just TCE, PCE, 1,1-DCE and 1,4-dioxane.

Our consultant Kennedy/Jenks will get you PRP site data.

Don't hesitate to call me if you have any questions.

-Dave

Dave Mark

Principal Hydrogeologist

Orange County Water District

18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3337

email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Mark, Dave <DMark@ocwd.com>
Sent: Wednesday, February 11, 2015 9:42 AM
To: Hoang, Kim
Cc: thompson, rachelle; Meredith Durant(MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole
Subject: RE: North Basin Data

Hi Kim. Kennedy/Jenks, our North Basin consultant, is currently working on getting you the PRP site list and data.

Today, I will send Rachelle two sets of the North Basin plume maps (hard copy), along with a CD that contains pdf and shape files. We recently made a minor correction to the Shallow/Perched PCE plume map, which necessitated a correction to the composite VOC plume map. Specifically, there is a small plume around OCWD monitoring well AM-42A (near the southeast corner of the Northrop ESD site) that should have been contoured with a higher concentration interval.

-Dave

Dave Mark

Principal Hydrogeologist

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

From: Hoang, Kim [<mailto:Hoang.Kim@epa.gov>]
Sent: Wednesday, February 11, 2015 9:26 AM
To: Mark, Dave
Cc: thompson, rachelle; Meredith Durant(MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole
Subject: RE: North Basin Data

Dave:

I received the CD with the North Basin Data. I would appreciate very much if you could send me your summary list of sites that you presented at the last meeting. I would like to consolidate our list of sites for PA/SI and decide on a course of action moving forward. If possible, please send the list to me via email, and follow up with any information you might have collected on these sites in a CD. Please let me know if you have any question or concern with this request.

Thanks very much,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Mark, Dave [<mailto:DMark@ocwd.com>]
Sent: Wednesday, February 04, 2015 9:13 AM
To: Hoang, Kim
Cc: thompson, rachel; Meredith Durant (MeredithDurant@KennedyJenks.com)
Subject: North Basin Data

Hi Kim. I am mailing you a CD with North Basin data. The data are for production wells and OCWD monitoring wells (single-casing and multiport). Note: OCWD is not a water purveyor; so, we don't own or operate any production wells. We did install 6 extraction wells in the North Basin area that were intended to be used for remediation. Those wells have not been operated. However, we have limited sampling data for those wells, which is included in the data you will receive. The data includes well type, location, well construction, lithology, and water quality. I am sending two files with water quality data, one with everything, and one with just TCE, PCE, 1,1-DCE and 1,4-dioxane.

Our consultant Kennedy/Jenks will get you PRP site data.

Don't hesitate to call me if you have any questions.

-Dave

Dave Mark
Principal Hydrogeologist
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Hoang, Kim
Sent: Wednesday, February 11, 2015 9:26 AM
To: Mark, Dave
Cc: thompson, rachelle; Meredith Durant (MeredithDurant@KennedyJenks.com); Moore, Kathi; Muratore, Kim; Moutoux, Nicole
Subject: RE: North Basin Data

Dave:

I received the CD with the North Basin Data. I would appreciate very much if you could send me your summary list of sites that you presented at the last meeting. I would like to consolidate our list of sites for PA/SI and decide on a course of action moving forward. If possible, please send the list to me via email, and follow up with any information you might have collected on these sites in a CD. Please let me know if you have any question or concern with this request.

Thanks very much,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Mark, Dave [<mailto:DMark@ocwd.com>]
Sent: Wednesday, February 04, 2015 9:13 AM
To: Hoang, Kim
Cc: thompson, rachelle; Meredith Durant (MeredithDurant@KennedyJenks.com)
Subject: North Basin Data

Hi Kim. I am mailing you a CD with North Basin data. The data are for production wells and OCWD monitoring wells (single-casing and multiport). Note: OCWD is not a water purveyor; so, we don't own or operate any production wells. We did install 6 extraction wells in the North Basin area that were intended to be used for remediation. Those wells have not been operated. However, we have limited sampling data for those wells, which is included in the data you will receive. The data includes well type, location, well construction, lithology, and water quality. I am sending two files with water quality data, one with everything, and one with just TCE, PCE, 1,1-DCE and 1,4-dioxane.

Our consultant Kennedy/Jenks will get you PRP site data.

Don't hesitate to call me if you have any questions.

-Dave

Dave Mark
Principal Hydrogeologist
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrsystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Dreyfus, Bethany
Sent: Friday, February 06, 2015 9:42 AM
To: Moutoux, Nicole;Shaffer, Caleb;Lyons, John
Cc: thompson, rachelle
Subject: RE: Meeting?

Yes, Nicole, I believe John is asking them to come to our office for this meeting.

Bethany Dreyfus
EPA Region IX ORC-3
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3886
(415) 947-3570 (fax)

From: Moutoux, Nicole
Sent: Friday, February 06, 2015 9:35 AM
To: Dreyfus, Bethany; Shaffer, Caleb; Lyons, John
Cc: thompson, rachelle
Subject: Re: Meeting?

17th is good for me. Just to confirm - the meeting is here in our office right?

Nicole G. Moutoux
Manager, Brownfields and Site Assessment Section
Superfund Division
desk 415-972-3012
mobile 415-271-0701
Moutoux.Nicole@epa.gov

From: Dreyfus, Bethany
Sent: Friday, February 6, 2015 7:15 AM
To: Shaffer, Caleb; Lyons, John
Cc: thompson, rachelle; Moutoux, Nicole
Subject: RE: Meeting?

The 17th is now open for me, so 11am or noon are fine.

Bethany Dreyfus
EPA Region IX ORC-3
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3886
(415) 947-3570 (fax)

From: Shaffer, Caleb
Sent: Thursday, February 05, 2015 8:36 PM
To: Lyons, John
Cc: Dreyfus, Bethany; thompson, rachel; Moutoux, Nicole
Subject: Re: Meeting?

Noon on the 17th works for me.

On Feb 5, 2015, at 8:16 PM, Lyons, John <Lyons.John@epa.gov> wrote:

11 does not work for some of you correct? How about noon? Let me know. Thx John

Sent from my iPhone

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>
Date: February 5, 2015 at 7:11:24 PM PST
To: John Lyons <Lyons.John@epa.gov>
Cc: Caleb Shaffer <Shaffer.Caleb@epa.gov>
Subject: Re: Meeting?

I'm checking with Roy and Scott, but let me explore a couple of alternatives:

1. We can do Tuesday, February 10, at 11:00 am.
2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

A Monday call would be very helpful. Anytime after 11:00 am works for me. Please give me a window. Thanks!

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov> wrote:

Keith

EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

Thanks

John

John Lyons

Acting Assistant Director

Site Cleanup Branch

Superfund Division, Region 9

(415) 972-3889

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 7:22 PM

To: Lyons, John

Subject: Re: Meeting?

If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

On Feb 4, 2015, at 5:40 PM, Lyons, John
<Lyons.John@epa.gov> wrote:

Keith

I will be able to let you know tomorrow.

Thanks for your patience,

John

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 5:39 PM

To: Lyons, John

Subject: Meeting?

We never got the email asking for meeting. If you still want to meet, our best day is Tuesday, February 10. Let me know, OK?

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

thompson, rachelle

From: Moutoux, Nicole
Sent: Friday, February 06, 2015 9:35 AM
To: Dreyfus, Bethany;Shaffer, Caleb;Lyons, John
Cc: thompson, rachelle
Subject: Re: Meeting?

17th is good for me. Just to confirm - the meeting is here in our office right?

Nicole G. Moutoux
Manager, Brownfields and Site Assessment Section
Superfund Division
desk 415-972-3012
mobile 415-271-0701
Moutoux.Nicole@epa.gov

From: Dreyfus, Bethany
Sent: Friday, February 6, 2015 7:15 AM
To: Shaffer, Caleb; Lyons, John
Cc: thompson, rachelle; Moutoux, Nicole
Subject: RE: Meeting?

The 17th is now open for me, so 11am or noon are fine.

Bethany Dreyfus
EPA Region IX ORC-3
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3886
(415) 947-3570 (fax)

From: Shaffer, Caleb
Sent: Thursday, February 05, 2015 8:36 PM
To: Lyons, John
Cc: Dreyfus, Bethany; thompson, rachelle; Moutoux, Nicole
Subject: Re: Meeting?

Noon on the 17th works for me.

On Feb 5, 2015, at 8:16 PM, Lyons, John <Lyons.John@epa.gov> wrote:

11 does not work for some of you correct? How about noon? Let me know. Thx John

Sent from my iPhone

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>
Date: February 5, 2015 at 7:11:24 PM PST
To: John Lyons <Lyons.John@epa.gov>
Cc: Caleb Shaffer <Shaffer.Caleb@epa.gov>
Subject: Re: Meeting?

I'm checking with Roy and Scott, but let me explore a couple of alternatives:

1. We can do Tuesday, February 10, at 11:00 am.
2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

A Monday call would be very helpful. Anytime after 11:00 am works for me. Please give me a window. Thanks!

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov> wrote:

Keith

EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

Thanks

John

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 7:22 PM

To: Lyons, John

Subject: Re: Meeting?

If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

On Feb 4, 2015, at 5:40 PM, Lyons, John
<Lyons.John@epa.gov> wrote:

Keith

I will be able to let you know tomorrow.

Thanks for your patience,

John

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 5:39 PM

To: Lyons, John

Subject: Meeting?

We never got the email asking for meeting. If you still want to meet, our best day is Tuesday, February 10. Let me know, OK?

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

thompson, rachel

From: Lyons, John
Sent: Friday, February 06, 2015 8:12 AM
To: Keith Takata
Cc: Shaffer, Caleb
Subject: Re: Meeting

Keith

Let's meet on the 17th at 11am at EPA's offices in Sf. We will send an agenda next week and let's plan for a hour and a half.

I will call you Monday

Thanks

John

Sent from my iPhone

> On Feb 5, 2015, at 7:30 PM, "Keith Takata" <keith@keithtakata.com> wrote:

>

> I'm checking with Roy and Scott, but let me explore a couple of alternatives:

>

> 1. We can do Tuesday, February 10, at 11:00 am.

>

> 2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

>

> A Monday call would be very helpful. Anytime after 11:00 am works for me. Please give me a window. Thanks!

>

> Keith

>

> Keith Takata

> Takata Environmental LLC

> keith@keithtakata.com

> 650-862-1162

> www.keithtakata.com

>

>

>> On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov> wrote:

>>

>> Keith

>>

>> EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

>>

>> I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

>> Thanks

>> John

>>

>> John Lyons

>> Acting Assistant Director
>> Site Cleanup Branch
>> Superfund Division, Region 9
>> (415) 972-3889
>>
>>
>>
>> -----Original Message-----
>> From: Keith Takata [<mailto:keith@keithtakata.com>]
>> Sent: Wednesday, February 04, 2015 7:22 PM
>> To: Lyons, John
>> Subject: Re: Meeting?
>>
>> If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.
>>
>> Keith Takata
>> Takata Environmental LLC
>> keith@keithtakata.com
>> 650-862-1162
>> www.keithtakata.com
>>
>>
>>> On Feb 4, 2015, at 5:40 PM, Lyons, John <Lyons.John@epa.gov> wrote:
>>>
>>> Keith
>>>
>>> I will be able to let you know tomorrow.
>>> Thanks for your patience,
>>> John
>>>
>>> -----Original Message-----
>>> From: Keith Takata [<mailto:keith@keithtakata.com>]
>>> Sent: Wednesday, February 04, 2015 5:39 PM
>>> To: Lyons, John
>>> Subject: Meeting?
>>>
>>> We never got the email asking for meeting. If you still want to meet, our best day is Tuesday, February 10. Let me know, OK?
>>>
>>> Keith Takata
>>> Takata Environmental LLC
>>> keith@keithtakata.com
>>> 650-862-1162
>>> www.keithtakata.com
>

thompson, rachelle

From: Dreyfus, Bethany
Sent: Friday, February 06, 2015 7:16 AM
To: Shaffer, Caleb; Lyons, John
Cc: thompson, rachelle; Moutoux, Nicole
Subject: RE: Meeting?

The 17th is now open for me, so 11am or noon are fine.

Bethany Dreyfus
EPA Region IX ORC-3
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3886
(415) 947-3570 (fax)

From: Shaffer, Caleb
Sent: Thursday, February 05, 2015 8:36 PM
To: Lyons, John
Cc: Dreyfus, Bethany; thompson, rachelle; Moutoux, Nicole
Subject: Re: Meeting?

Noon on the 17th works for me.

On Feb 5, 2015, at 8:16 PM, Lyons, John <Lyons.John@epa.gov> wrote:

11 does not work for some of you correct? How about noon? Let me know. Thx John

Sent from my iPhone

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>
Date: February 5, 2015 at 7:11:24 PM PST
To: John Lyons <Lyons.John@epa.gov>
Cc: Caleb Shaffer <Shaffer.Caleb@epa.gov>
Subject: Re: Meeting?

I'm checking with Roy and Scott, but let me explore a couple of alternatives:

1. We can do Tuesday, February 10, at 11:00 am.
2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

A Monday call would be very helpful. Anytime after 11:00 am works for

me. Please give me a window. Thanks!

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov>
wrote:

Keith

EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

Thanks

John

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]
Sent: Wednesday, February 04, 2015 7:22 PM
To: Lyons, John
Subject: Re: Meeting?

If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 4, 2015, at 5:40 PM, Lyons, John
<Lyons.John@epa.gov> wrote:

Keith

I will be able to let you know tomorrow.
Thanks for your patience,
John

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]
Sent: Wednesday, February 04, 2015 5:39 PM
To: Lyons, John
Subject: Meeting?

We never got the email asking for meeting. If you
still want to meet, our best day is Tuesday, February
10. Let me know, OK?

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

thompson, rachelle

From: Shaffer, Caleb
Sent: Thursday, February 05, 2015 8:36 PM
To: Lyons, John
Cc: Dreyfus, Bethany;thompson, rachelle;Moutoux, Nicole
Subject: Re: Meeting?

Noon on the 17th works for me.

On Feb 5, 2015, at 8:16 PM, Lyons, John <Lyons.John@epa.gov> wrote:

11 does not work for some of you correct? How about noon? Let me know. Thx John

Sent from my iPhone

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>
Date: February 5, 2015 at 7:11:24 PM PST
To: John Lyons <Lyons.John@epa.gov>
Cc: Caleb Shaffer <Shaffer.Caleb@epa.gov>
Subject: Re: Meeting?

I'm checking with Roy and Scott, but let me explore a couple of alternatives:

1. We can do Tuesday, February 10, at 11:00 am.
2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

A Monday call would be very helpful. Anytime after 11:00 am works for me. Please give me a window. Thanks!

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov> wrote:

Keith

EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

Thanks

John

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 7:22 PM

To: Lyons, John

Subject: Re: Meeting?

If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 4, 2015, at 5:40 PM, Lyons, John
<Lyons.John@epa.gov> wrote:

Keith

I will be able to let you know tomorrow.
Thanks for your patience,
John

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]
Sent: Wednesday, February 04, 2015 5:39 PM
To: Lyons, John
Subject: Meeting?

We never got the email asking for meeting. If you
still want to meet, our best day is Tuesday, February
10. Let me know, OK?

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

thompson, rachelle

From: Lyons, John
Sent: Thursday, February 05, 2015 8:17 PM
To: Dreyfus, Bethany;thompson, rachelle;Shaffer, Caleb
Subject: Fwd: Meeting?

11 does not work for some of you correct? How about noon? Let me know. Thx John

Sent from my iPhone

Begin forwarded message:

From: Keith Takata <keith@keithtakata.com>
Date: February 5, 2015 at 7:11:24 PM PST
To: John Lyons <Lyons.John@epa.gov>
Cc: Caleb Shaffer <Shaffer.Caleb@epa.gov>
Subject: Re: Meeting?

I'm checking with Roy and Scott, but let me explore a couple of alternatives:

1. We can do Tuesday, February 10, at 11:00 am.
2. If the meeting is on Tuesday, February 17, could you move up the time to 11:00 am. The three of us have to attend an OCWD board meeting on February 18.

A Monday call would be very helpful. Anytime after 11:00 am works for me. Please give me a window. Thanks!

Keith

Keith Takata
Takata Environmental LLC
keith@keithtakata.com
650-862-1162
www.keithtakata.com

On Feb 5, 2015, at 6:58 PM, Lyons, John <Lyons.John@epa.gov> wrote:

Keith

EPA would like to meet as we discussed earlier this week. We would propose the afternoon of February 17 at EPA's offices in San Francisco.

I will be out tomorrow - there are a couple of related matters that we should discuss Monday.

Thanks

John

John Lyons

Acting Assistant Director

Site Cleanup Branch

Superfund Division, Region 9

(415) 972-3889

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 7:22 PM

To: Lyons, John

Subject: Re: Meeting?

If we need to meet, Tuesday, February 10th, at 11:00 am would work well for Roy's schedule from Orange County.

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

On Feb 4, 2015, at 5:40 PM, Lyons, John <Lyons.John@epa.gov> wrote:

Keith

I will be able to let you know tomorrow.

Thanks for your patience,

John

-----Original Message-----

From: Keith Takata [<mailto:keith@keithtakata.com>]

Sent: Wednesday, February 04, 2015 5:39 PM

To: Lyons, John

Subject: Meeting?

We never got the email asking for meeting. If you still want to meet, our best day is Tuesday, February 10. Let me know, OK?

Keith Takata

Takata Environmental LLC

keith@keithtakata.com

650-862-1162

www.keithtakata.com

thompson, rachelle

From: Hoang, Kim
Sent: Wednesday, February 04, 2015 9:16 AM
To: Mark, Dave
Cc: thompson, rachelle; Meredith Durant (MeredithDurant@KennedyJenks.com)
Subject: RE: North Basin Data

Dave:

Thanks very much, I am hoping to get the PRP information soon, especially a copy of your spreadsheet that you presented last week.

Thanks,

Kim Hoang PhD, MPH
Site Assessment Manager
U.S. EPA Region 9
Superfund Division (SFD 6-1)
75 Hawthorne St,
San Francisco, CA 94105
Ph: (415) 972-3147

From: Mark, Dave [<mailto:DMark@ocwd.com>]
Sent: Wednesday, February 04, 2015 9:13 AM
To: Hoang, Kim
Cc: thompson, rachelle; Meredith Durant (MeredithDurant@KennedyJenks.com)
Subject: North Basin Data

Hi Kim. I am mailing you a CD with North Basin data. The data are for production wells and OCWD monitoring wells (single-casing and multiport). Note: OCWD is not a water purveyor; so, we don't own or operate any production wells. We did install 6 extraction wells in the North Basin area that were intended to be used for remediation. Those wells have not been operated. However, we have limited sampling data for those wells, which is included in the data you will receive. The data includes well type, location, well construction, lithology, and water quality. I am sending two files with water quality data, one with everything, and one with just TCE, PCE, 1,1-DCE and 1,4-dioxane.

Our consultant Kennedy/Jenks will get you PRP site data.

Don't hesitate to call me if you have any questions.

-Dave

Dave Mark
Principal Hydrogeologist
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrsystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Mark, Dave <DMark@ocwd.com>
Sent: Wednesday, February 04, 2015 9:13 AM
To: Hoang, Kim
Cc: thompson, rachelle; Meredith Durant (<MeredithDurant@KennedyJenks.com>)
Subject: North Basin Data

Hi Kim. I am mailing you a CD with North Basin data. The data are for production wells and OCWD monitoring wells (single-casing and multiport). Note: OCWD is not a water purveyor; so, we don't own or operate any production wells. We did install 6 extraction wells in the North Basin area that were intended to be used for remediation. Those wells have not been operated. However, we have limited sampling data for those wells, which is included in the data you will receive. The data includes well type, location, well construction, lithology, and water quality. I am sending two files with water quality data, one with everything, and one with just TCE, PCE, 1,1-DCE and 1,4-dioxane.

Our consultant Kennedy/Jenks will get you PRP site data.

Don't hesitate to call me if you have any questions.

-Dave

Dave Mark

Principal Hydrogeologist

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachel

From: Mark, Dave <DMark@ocwd.com>
Sent: Tuesday, February 03, 2015 5:12 PM
To: thompson, rachel
Subject: North Basin Data

Hi Rachelle. I have a CD with North Basin data for Kim. Should I send it to you, or directly to her?

Thanks.

-Dave

Dave Mark

Principal Hydrogeologist

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3337

email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: thompson, rachelle
Sent: Tuesday, February 03, 2015 8:10 AM
To: Muratore, Kim
Subject: FW: North Basin "point"

Hi Kim,

Here is an approximate location of the contamination. I will make sure that all of the documents I have are on the G: drive, although I think I only have duplicates of what our site assessment group received.

I look forward to working with you.

Rachelle Thompson, MS, PE
Project Manager, Superfund Division
US Environmental Protection Agency Region 9
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105
(415) 972-3962
thompson.rachelle@epa.gov

From: Mark, Dave [<mailto:DMark@ocwd.com>]
Sent: Friday, January 30, 2015 5:11 PM
To: thompson, rachelle
Subject: North Basin "point"

Hi Rachelle. We propose using the location of OCWD monitoring well FM-10A for the North Basin "point." It is roughly near the center of the areas with the highest VOC concentrations. It is also in the City of Fullerton. Most of the VOC contamination is in Fullerton. So, that seemed logical.

Approximate address: 1012 East Elm Ave., Fullerton 92831 (note: there is no building with that street address)

The monitoring well is in the street, 30ft south of centerline of Elm Ave., 171 ft west of centerline of Ash Ave.

Geographic Coordinates: Latitude 33.8639726, Longitude: -117.91049451

State Plane Coordinates (NAD27, Zone 6): 6057594.390922 072262015.97890371

Let me know if you have any questions. Have a great weekend.

-Dave

Dave Mark
Principal Hydrogeologist
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.

thompson, rachelle

From: Dreyfus, Bethany
Sent: Monday, February 02, 2015 6:57 PM
To: Manzanilla, Enrique;Lyons, John
Cc: thompson, rachelle;Shaffer, Caleb;Moutoux, Nicole
Subject: RE: OCWD Article

Here is a link to Lucy Dunn's January 9th op-ed - <http://www.ocregister.com/articles/water-647622-county-orange.html>

Bethany Dreyfus
EPA Region IX ORC-3
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3886
(415) 947-3570 (fax)

From: Manzanilla, Enrique
Sent: Monday, February 02, 2015 6:41 PM
To: Lyons, John
Cc: thompson, rachelle; Shaffer, Caleb; Dreyfus, Bethany; Moutoux, Nicole
Subject: Re: OCWD Article

Can we track down the Dunn op Ed this one is responding to?

Sent from my iPhone

On Feb 2, 2015, at 6:27 PM, Lyons, John <Lyons.John@epa.gov> wrote:

See below for a letter published in the Orange County Register....

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

Protecting O.C.'s water

Jan. 30, 2015
|
Updated 4:13 p.m.

BY MIKE MARKUS / Contributing writer

Facebook
Twitter
Email
Comments
PRINT
SEND PDF

Ensuring a bright future for Orange County requires many organizations and individuals working together at building and protecting a diverse portfolio of water resources.

That is exactly why the Orange County Water District and the Orange County Business Council last year agreed to a collaborative approach to resolve one of the biggest challenges facing our local groundwater basin – a plume of industrial chemicals in the north part of the basin that has polluted 109,000 acre feet of groundwater, an amount equal to one-third of the water used in Orange County in a year.

This agreement – to follow a well-defined federal process that is fair and transparent for the cost-effective removal of contaminants that threaten our local groundwater basin – has not changed. OCWD is doing exactly what OCBC supported: to adopt and follow the National Contingency Plan as the course of action to remove contamination and make responsible parties pay their share of the cleanup costs. Yet OCBC CEO and President Lucy Dunn, in a recent op-ed, contended that we are not moving forward on the collaborative path that OCBC agreed to. The NCP provides a clear road that her organization asked we follow. One that puts it all out there for the public, regulators and responsible parties to review and scrutinize.

NCP will provide the highest level of investigation. It will provide the proof needed to identify responsible parties for the contamination. They will then need to properly clean up the contamination and/or pay reasonable costs to have regulators clean up onsite pollution and to OCWD to do the same for offsite pollution. It is the best process currently available to remediate the pollution and keep it from spreading further.

Equally important, the NCP process also provides the highest level of public and business participation in evaluating options for remediation. The residents and businesses of Orange County, including OCBC, will be given every opportunity to participate. Under the agreement with OCBC, OCWD will actively engage the business community at every step of this process.

The NCP, as recommended and supported by OCBC on multiple occasions, is best known for being the federal plan in responding to hazardous waste emergencies that threaten public health. In the worst cases, after a lengthy process these sites may end up being designated a “superfund” site and are effectively controlled and managed by federal agencies. However, OCWD does not want to have this happen here, nor does it intend to seek superfund designation at this time. As protectors and managers of the local groundwater basin, it’s OCWD’s responsibility to lead the clean-up effort.

Yet, as Ms. Dunn pointed out in her testimony on May 1, 2013, before a Senate Environmental Quality Committee on the matter, “superfund” rules are OCWD’s best option to recover clean-up costs. It was during this same testimony that Ms. Dunn said the NCP process is OCWD’s strongest option to proceed and to collaborate with the business community. The NCP provides a blueprint for local agencies, like OCWD, to follow in developing a remediation and cost recovery plan. This is what OCBC wanted. This is what OCWD is doing.

Ms. Dunn points to an amended contract with legal counsel as a reason for concern. OCWD is not pursuing new litigation, but instead proceeding with the NCP process. If parties responsible for the contamination do not abide by the remediation plan that will come out of the NCP process, regulators and OCWD still reserve the right to seek recovery through the legal system. While we hope it does not come down to that, we will preserve that right in order to protect the ratepayers in the event that should happen.

In the meantime, OCWD has and will look for any reasonable opportunity to secure cost-effective, favorable settlements with responsible parties to help pay for the cleanup. After the NCP process was announced last year, OCWD reached favorable agreement with two responsible parties. Settlement efforts with other parties continue.

Does following the NCP process or, ideally, securing cost-saving settlements in advance require OCWD to engage legal expertise? Yes.

Does having a legal team in place mean OCWD is pursuing an aggressive litigation strategy outside the NCP process? No.

From OCWD's perspective, the ultimate clean-up solution remains a collaborative process.

A clean, fully functioning local groundwater basin that can be resupplied from multiple sources is part of our long-term supply strategy. Today, that basin is meeting 72 percent of Orange County's water needs for 2.4 million people.

Decades-old industrial pollution is threatening to put a severe dent in this supply. We've lost five wells to pollution, and we can't afford to lose more. Leaving pollution in the ground is not a solution.

Rather than squabbling over the process – one that OCWD and OCBC already agreed upon – let's get to work on securing Orange County's bright water future.

Mike Markus is general manager of the Orange County Water District.

thompson, rachelle

From: Manzanilla, Enrique
Sent: Monday, February 02, 2015 6:41 PM
To: Lyons, John
Cc: thompson, rachelle;Shaffer, Caleb;Dreyfus, Bethany;Moutoux, Nicole
Subject: Re: OCWD Article

Can we track down the Dunn op Ed this one is responding to?

Sent from my iPhone

On Feb 2, 2015, at 6:27 PM, Lyons, John <Lyons.John@epa.gov> wrote:


See below for a letter published in the Orange County Register....

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

Protecting O.C.'s water

Jan. 30, 2015
|
Updated 4:13 p.m.

BY MIKE MARKUS / Contributing writer

Facebook
 Twitter
Email
Comments
PRINT
SEND PDF

Ensuring a bright future for Orange County requires many organizations and individuals working together at building and protecting a diverse portfolio of water resources.

That is exactly why the Orange County Water District and the Orange County Business Council last year agreed to a collaborative approach to resolve one of the biggest challenges facing our local groundwater basin – a plume of industrial chemicals in the north part of the basin that has polluted 109,000 acre feet of groundwater, an amount equal to one-third of the water used in Orange County in a year.

This agreement – to follow a well-defined federal process that is fair and transparent for the cost-effective removal of contaminants that threaten our local groundwater basin – has not changed. OCWD is doing exactly what OCBC supported: to adopt and follow the National Contingency Plan as the course of action to remove contamination and make responsible parties pay their share of the cleanup costs. Yet OCBC CEO and President Lucy Dunn, in a recent op-ed, contended that we are not moving forward on the collaborative path that OCBC agreed to. The NCP provides a clear road that her organization asked we follow. One that puts it all out there for the public, regulators and responsible parties to review and scrutinize.

NCP will provide the highest level of investigation. It will provide the proof needed to identify responsible parties for the contamination. They will then need to properly clean up the contamination and/or pay reasonable costs to have regulators clean up onsite pollution and to OCWD to do the same for offsite pollution. It is the best process currently available to remediate the pollution and keep it from spreading further.

Equally important, the NCP process also provides the highest level of public and business participation in evaluating options for remediation. The residents and businesses of Orange County, including OCBC, will be given every opportunity to participate. Under the agreement with OCBC, OCWD will actively engage the business community at every step of this process.

The NCP, as recommended and supported by OCBC on multiple occasions, is best known for being the federal plan in responding to hazardous waste emergencies that threaten public health. In the worst cases, after a lengthy process these sites may end up being designated a “superfund” site and are effectively controlled and managed by federal agencies. However, OCWD does not want to have this happen here, nor does it intend to seek superfund designation at this time. As protectors and managers of the local groundwater basin, it’s OCWD’s responsibility to lead the clean-up effort.

Yet, as Ms. Dunn pointed out in her testimony on May 1, 2013, before a Senate Environmental Quality Committee on the matter, “superfund” rules are OCWD’s best option to recover clean-up costs. It was during this same testimony that Ms. Dunn said the NCP process is OCWD’s strongest option to proceed and to collaborate with the business community. The NCP provides a blueprint for local agencies, like OCWD, to follow in developing a remediation and cost recovery plan. This is what OCBC wanted. This is what OCWD is doing.

Ms. Dunn points to an amended contract with legal counsel as a reason for concern. OCWD is not pursuing new litigation, but instead proceeding with the NCP process. If parties responsible for the contamination do not abide by the remediation plan that will come out of the NCP process, regulators and OCWD still reserve the right to seek recovery through the legal system. While we hope it does not come down to that, we will preserve that right in order to protect the ratepayers in the event that should happen.

In the meantime, OCWD has and will look for any reasonable opportunity to secure cost-effective, favorable settlements with responsible parties to help pay for the cleanup. After the NCP process was announced last year, OCWD reached favorable agreement with two responsible parties. Settlement efforts with other parties continue.

Does following the NCP process or, ideally, securing cost-saving settlements in advance require OCWD to engage legal expertise? Yes.

Does having a legal team in place mean OCWD is pursuing an aggressive litigation strategy outside the NCP process? No.

From OCWD’s perspective, the ultimate clean-up solution remains a collaborative process.

A clean, fully functioning local groundwater basin that can be resupplied from multiple sources is part of our long-term supply strategy. Today, that basin is meeting 72 percent of Orange County’s water needs for 2.4 million people.

Decades-old industrial pollution is threatening to put a severe dent in this supply. We’ve lost five wells to pollution, and we can’t afford to lose more. Leaving pollution in the ground is not a solution.

Rather than squabbling over the process – one that OCWD and OCBC already agreed upon – let’s get to work on securing Orange County’s bright water future.

Mike Markus is general manager of the Orange County Water District.

thompson, rachelle

From: Lyons, John
Sent: Monday, February 02, 2015 6:27 PM
To: thompson, rachelle;Shaffer, Caleb;Dreyfus, Bethany;Moutoux, Nicole
Subject: OCWD Article


See below for a letter published in the Orange County Register....

John Lyons
Acting Assistant Director
Site Cleanup Branch
Superfund Division, Region 9
(415) 972-3889

Protecting O.C.'s water

Jan. 30, 2015
|
Updated 4:13 p.m.

BY MIKE MARKUS / Contributing writer

Facebook
 Twitter
Email
Comments
PRINT
SEND PDF

Ensuring a bright future for Orange County requires many organizations and individuals working together at building and protecting a diverse portfolio of water resources.

That is exactly why the Orange County Water District and the Orange County Business Council last year agreed to a collaborative approach to resolve one of the biggest challenges facing our local groundwater basin – a plume of industrial chemicals in the north part of the basin that has polluted 109,000 acre feet of groundwater, an amount equal to one-third of the water used in Orange County in a year.

This agreement – to follow a well-defined federal process that is fair and transparent for the cost-effective removal of contaminants that threaten our local groundwater basin – has not changed. OCWD is doing exactly what OCBC supported: to adopt and follow the National Contingency Plan as the course of action to remove contamination and make responsible parties pay their share of the cleanup costs.

Yet OCBC CEO and President Lucy Dunn, in a recent op-ed, contended that we are not moving forward on the collaborative path that OCBC agreed to. The NCP provides a clear road that her organization asked we follow. One that puts it all out there for the public, regulators and responsible parties to review and scrutinize.

NCP will provide the highest level of investigation. It will provide the proof needed to identify responsible parties for the contamination. They will then need to properly clean up the contamination and/or pay reasonable costs to have regulators clean up onsite pollution and to OCWD to do the same for offsite pollution. It is the best process currently available to remediate the pollution and keep it from spreading further.

Equally important, the NCP process also provides the highest level of public and business participation in evaluating options for remediation. The residents and businesses of Orange County, including OCBC, will be given every opportunity to participate. Under the agreement with OCBC, OCWD will actively engage the business community at every step of this process.

The NCP, as recommended and supported by OCBC on multiple occasions, is best known for being the federal plan in responding to hazardous waste emergencies that threaten public health. In the worst cases, after a lengthy process these sites may end up being designated a “superfund” site and are effectively controlled and managed by federal agencies. However, OCWD does not want to have this happen here, nor does it intend to seek superfund designation at this time. As protectors and managers of the local groundwater basin, it’s OCWD’s responsibility to lead the clean-up effort.

Yet, as Ms. Dunn pointed out in her testimony on May 1, 2013, before a Senate Environmental Quality Committee on the matter, “superfund” rules are OCWD’s best option to recover clean-up costs. It was during this same testimony that Ms. Dunn said the NCP process is OCWD’s strongest option to proceed and to collaborate with the business community. The NCP provides a blueprint for local agencies, like OCWD, to follow in developing a remediation and cost recovery plan. This is what OCBC wanted. This is what OCWD is doing.

Ms. Dunn points to an amended contract with legal counsel as a reason for concern. OCWD is not pursuing new litigation, but instead proceeding with the NCP process. If parties responsible for the contamination do not abide by the remediation plan that will come out of the NCP process, regulators and OCWD still reserve the right to seek recovery through the legal system. While we hope it does not come down to that, we will preserve that right in order to protect the ratepayers in the event that should happen.

In the meantime, OCWD has and will look for any reasonable opportunity to secure cost-effective, favorable settlements with responsible parties to help pay for the cleanup. After the NCP process was announced last year, OCWD reached favorable agreement with two responsible parties. Settlement efforts with other parties continue.

Does following the NCP process or, ideally, securing cost-saving settlements in advance require OCWD to engage legal expertise? Yes.

Does having a legal team in place mean OCWD is pursuing an aggressive litigation strategy outside the NCP process? No.

From OCWD’s perspective, the ultimate clean-up solution remains a collaborative process.

A clean, fully functioning local groundwater basin that can be resupplied from multiple sources is part of our long-term supply strategy. Today, that basin is meeting 72 percent of Orange County’s water needs for 2.4 million people.

Decades-old industrial pollution is threatening to put a severe dent in this supply. We’ve lost five wells to pollution, and we can’t afford to lose more. Leaving pollution in the ground is not a solution.

Rather than squabbling over the process – one that OCWD and OCBC already agreed upon – let’s get to work on securing Orange County’s bright water future.

Mike Markus is general manager of the Orange County Water District.

thompson, rachelle

From: Mark, Dave <DMark@ocwd.com>
Sent: Friday, January 30, 2015 5:11 PM
To: thompson, rachelle
Subject: North Basin "point"

Hi Rachelle. We propose using the location of OCWD monitoring well FM-10A for the North Basin "point." It is roughly near the center of the areas with the highest VOC concentrations. It is also in the City of Fullerton. Most of the VOC contamination is in Fullerton. So, that seemed logical.

Approximate address: 1012 East Elm Ave., Fullerton 92831 (note: there is no building with that street address)

The monitoring well is in the street, 30ft south of centerline of Elm Ave., 171 ft west of centerline of Ash Ave.

Geographic Coordinates: Latitude 33.8639726, Longitude: -117.91049451

State Plane Coordinates (NAD27, Zone 6): 6057594.390922 072262015.97890371

Let me know if you have any questions. Have a great weekend.

-Dave

Dave Mark

Principal Hydrogeologist

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3337
email: dmark@ocwd.com



www.ocwd.com



www.gwrssystem.com



[Follow
OCWD on
Twitter](#)

Confidential Communication

This electronic transmission, and any documents attached hereto, (a) are protected by the Electronic Communications Privacy Act (18 USC §§ 2510-2521), (b) may contain confidential information, and (c) are for the sole use of the intended recipient named above. If you have received this electronic message in error, please notify the sender and delete the electronic message. Any disclosure, copying, distribution, or use of the contents of the information received in error is strictly prohibited.
